

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010715\  
 Data File : BM000120.D  
 Acq On : 07 Jan 2015 09:46  
 Operator : TP/IZ  
 Sample : SSTD0.114  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD0.114

Quant Time: Jan 08 10:44:46 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM010715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 08 10:05:57 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.84  | 152  | 3133     | 0.40 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.64 | 136  | 10274    | 0.40 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.47 | 164  | 6059     | 0.40 | ng/ul | 0.00     |
| 10) Phenanthrene-d10      | 17.23 | 188  | 11469    | 0.40 | ng/ul | 0.02     |
| 16) Chrysene-d12          | 21.41 | 240  | 9804     | 0.40 | ng/ul | 0.00     |
| 20) Perylene-d12          | 23.70 | 264  | 9068     | 0.40 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Methylnaphthalene-d10  | 12.22 | 152  | 1413     | 0.10 | ng/ul | 0.00     |
| 14) Fluoranthene-d10        | 19.25 | 212  | 2634     | 0.11 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units  | Ovalue |
|----------------------------|-------|------|----------|------|--------|--------|
| 3) Naphthalene             | 10.68 | 128  | 2906     | 0.11 | ng/ul# | 95     |
| 5) 2-Methylnaphthalene     | 12.30 | 142  | 1882     | 0.10 | ng/ul  | 98     |
| 7) Acenaphthylene          | 14.20 | 152  | 3070     | 0.23 | ng/ul  | 96     |
| 8) Acenaphthene            | 14.54 | 153  | 1997     | 0.11 | ng/ul  | 97     |
| 9) Fluorene                | 15.52 | 166  | 2267     | 0.10 | ng/ul# | 92     |
| 12) Phenanthrene           | 17.26 | 178  | 3656     | 0.10 | ng/ul  | 94     |
| 13) Anthracene             | 17.35 | 178  | 3482     | 0.10 | ng/ul  | 94     |
| 15) Fluoranthene           | 19.27 | 202  | 4122     | 0.11 | ng/ul  | 94     |
| 17) Pyrene                 | 19.65 | 202  | 4354     | 0.11 | ng/ul# | 93     |
| 18) Benzo(a)anthracene     | 21.39 | 228  | 3344     | 0.10 | ng/ul  | 96     |
| 19) Chrysene               | 21.44 | 228  | 3713     | 0.11 | ng/ul  | 97     |
| 21) Benzo(b)fluoranthene   | 23.00 | 252  | 3823     | 0.11 | ng/ul  | 84     |
| 22) Benzo(k)fluoranthene   | 23.05 | 252  | 3363     | 0.10 | ng/ul# | 87     |
| 23) Benzo(a)pyrene         | 23.60 | 252  | 3252     | 0.10 | ng/ul# | 80     |
| 24) Indeno(1,2,3-cd)pyrene | 26.05 | 276  | 3640     | 0.10 | ng/ul  | 99     |
| 25) Dibenzo(a,h)anthracene | 26.07 | 278  | 2821     | 0.10 | ng/ul# | 79     |
| 26) Benzo(a,h,i)perylene   | 26.75 | 276  | 3336     | 0.10 | ng/ul# | 91     |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

